

Amendments to the Claims:

Claim 1 (original) A method of forming a reversible peptide-receptor complex comprising;  
providing an immobilized receptor; and  
contacting the receptor with a peptide, wherein the peptide comprises residues 24 to 37 of SEQ ID NO:2;  
and whereby the receptor binds the peptide.

Claim 2 (original) The method of claim 1, wherein the receptor is a GHS-R.

Claim 3 (original) The method of claim 2, wherein the GHS-R is expressed in tissue selected from the group consisting of:

- Alcantid*
- a) stomach;
  - b) lung;
  - c) pituitary;
  - d) hypothalamus;
  - e) hippocampus;
  - f) kidney;
  - g) duodenum;
  - h) jejunum;
  - i) small intestine;
  - j) skeletal muscle; and
  - k) pancreas.

Claim 4 (original) The method of claim 3, wherein the receptor comprises residues 41 to 326 of SEQ ID NO:5.

Claim 5 (original) The method of claim 4, wherein the receptor comprises residues 1 to 366 of SEQ ID NO:5.

Claim 6 (original) The method of claim 1, whereby the receptor is immobilized on a cell membrane.

Claim 7 (original) A method of purifying cells comprising;

immobilizing a peptide comprising residues 24 to 37 of SEQ ID NO:2;  
and  
contacting the peptide with cells expressing a receptor, whereby the  
peptide binds the receptor and forms a peptide-receptor complex;  
and whereby the cells are purified.

Claim 8 (original) The method of purifying cells according to claim 7,  
wherein the receptor is a GHS-R.

Claim 9 (original) The method of purifying cells according the claim  
8, wherein the receptor comprises residues 41 to 326 of SEQ ID NO:5.

*acconfd.*

Claim 10 (original) A method of purifying a peptide comprising;  
immobilizing cells expressing a receptor, wherein the receptor comprises  
residues 41 to 326 of SEQ ID NO:5;

contacting the immobilized cells with solutions containing a peptide,  
wherein the peptide comprises residues 24 to 37 of SEQ ID NO:2; and  
forming the peptide-receptor complex;  
and whereby the peptide is purified.

Claims 11-26 (cancelled)

